

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 to 43 (canceled).

Claim 44 (currently amended): An information recording medium ~~storing content, said information recording medium comprising: a configuration in which~~

- (a) a plurality of different, individual content management unit that is a data section area including at least any one of units, at least one of the plurality of different content management units including encryptable data corresponding to:
 - (i) at least one content file, the content file including at least one of a data file reproducible by an information processing apparatus and a program file executable by the information processing apparatus; and stored in an information recording medium;
 - (ii) at least one of a content reproduction section specification file, a content reproduction processing program file, an application index file, and an application execution file; is set,
- (b) a plurality of different, individual unit keys, wherein any one of a data file and a program file included in each one of said plurality of unit keys associated with at least one of the content management unit-units, wherein for at least one of the content management units, said encryptable data of said content management unit is stored as encrypted data based on the an individual-unit key associated with key corresponding to said content management unit; and
- (c) a plurality of instructions which when executed by the information processing apparatus, cause the information processing apparatus, for one of the plurality of content management units, to:
 - (i) determine if the encryptable data of the content management unit is encrypted data; and

- (ii) if the encryptable data of the content management unit is encrypted data:
 - (A) decrypt the encrypted data of the content management unit based on the unit key associated with the content management unit; and
 - (B) after decrypting the encrypted data of the content management unit, cause at least one of:
 - (1) the data file of the content management unit to be reproduced; and
 - (2) the program file of the content management unit to be executed.

Claim 45 (currently amended): The information recording medium according to claim 44, wherein at least ~~some one of the~~ content management units includes: (i) set in said information recording medium are units set in correspondence with encryptable data corresponding to title information of the content file, and (ii) encryptable data corresponding to index information of the each piece of content file, stored in said information recording medium and wherein, when executed by the information processing apparatus, the plurality of instructions cause the information processing apparatus, for one of the plurality of content management units, to: (i) cause a selection of said title information and said index information, and (ii) determine a unique-designated one of the content management unit-units and a designated one of the unit key-keys associated with the designated content management unit corresponding thereto are determined based on the basis of the selection of said title information and said index information.

Claim 46 (currently amended): The information recording medium according to claim 45, wherein said title information and said index information are displayable presentable to a user.

Claim 47 (currently amended): The information recording medium according to claim 44, wherein at least ~~some one of the~~ content management units includes set in said information

~~recording medium are units that are set in correspondence with~~ encryptable data corresponding to at least one of a plurality of different content reproduction processing programs program files stored in said information recording medium, and wherein, when executed by the information processing apparatus, the plurality of instructions cause the information processing apparatus, for one of the plurality of content management units, to: (i) cause a selection of one of the plurality of content reproduction processing program files to be executed by the information processing apparatus, (ii) determine a designated one of the unique content management units unit and a designated one of the unit key keys associated with said designated content management unit based corresponding thereto are determined on the basis of the selection determination of said plurality of content reproduction processing program file programs to be executed on a reproducing apparatus on which said information recording medium is loaded.

Claim 48 (currently amended): The information recording medium according to claim 44, wherein at least ~~some one of the~~ content management units set in said information recording medium are units that are set in correspondence with includes encryptable data corresponding to at least one of a plurality of different content reproduction section specification files stored in said information recording medium, and wherein, when executed by the information processing apparatus, the plurality of instructions cause the information processing apparatus, for one of the plurality of content management units, to: (i) cause a selection of one of the plurality of content reproduction section specification files to be executed by the information processing apparatus, and (ii) determine a unique designated one of the content management unit-units and a designated one of the unit key keys associated with said designated content management unit based corresponding thereto are determined on the selection basis of said content reproduction section specification file selected by said content reproduction processing program to be executed on a reproducing apparatus on which said information recording medium is loaded.

Claim 49 (currently amended): The information recording medium according to claim 44, wherein at least ~~some one of the~~ content management units set in said information recording medium are units that are set in correspondence with includes encryptable data corresponding to at least one of a plurality of different clip files, the plurality of clip files including that are a plurality of content real data storage files stored in said information recording medium, and

wherein, when executed by the information processing apparatus, the plurality of instructions cause the information processing apparatus, for one of the plurality of content management units, to: (i) cause a selection of one of the plurality of clip files to be reproduced by the information processing apparatus, and (ii) determine a unique designated one of the content management unit units and a designated one of the unit key-keys associated with the designated content management unit based corresponding thereto are determined on the selection of the basis of a reproduction clip file selected by said content reproduction processing program to be executed on a reproducing apparatus on which said information recording medium is loaded.

Claim 50 (currently amended): The information recording medium according to claim 44 wherein at least one of the content management units includes~~set in said information recording medium include:~~

a first unit including the at least one content file~~real data stored in said information recording medium, said first unit being encrypted based on a first one of the unit keys; and~~

a second unit ~~not including content real data but including~~ at least one of the an application execution file and the corresponding to an application index file, stored in said information recording medium; said first unit and said second unit being including at least one of a data file and a program file encrypted by~~based on a second, different one of the unit keys.~~

Claim 51 (currently amended): The information recording medium according to claim 44, wherein at least one of the~~at least some of~~ content management units ~~set in said information recording medium are configured as units includes~~ encryptable data corresponding to: the including an application execution file and the a content reproduction processing program file~~stored in said information recording medium.~~

Claim 52 (currently amended): The information recording medium according to claim 44, wherein at least one of the~~at least some of~~ content management units ~~set in said information recording medium are configured as units including an includes~~ encryptable data corresponding to: the application execution file, the a content reproduction processing file, and an application resource file associated with~~for use in the execution of said application execution file stored in said information recording medium.~~

Claim 53 (currently amended): The information recording medium according to claim 44, wherein at least one some of the content management units set in said information recording medium are configured as units including includes encryptable data corresponding to: the a content reproduction section specification file, an AV stream file corresponding to real data of the as-content real data file to be referenced from said content reproduction section specification file, the an-application execution file, and an application resource file associated with for use in the execution of said application execution file stored in said information recording medium.

Claim 54 (currently amended): The information recording medium according to claim 44, which includes wherein a management table associated with the plurality of the content management units, wherein for each one of the content management units, the management table includes in which unit setting unit information, content management unit identification information, and unit key identification information associated with are related with each other as information forming each of said content management unit is stored.

Claim 55 (currently amended): The information recording medium according to claim 44, which includes wherein said information recording medium stores a status management table associated with the plurality of the content management units, wherein for each one of the content management units, the status management table includes in which status information for said content management unit, said status information being indicative of whether each of said content management unit has units is in network independent status or network associated status is stored.

Claim 56 (currently amended): The information recording medium according to claim 5544, wherein, for each one of the content management units, said status management table includes stores at least initial status information for said of each content management unit.

Claim 57 (currently amended): The information recording medium according to claim 5544, wherein, for each one of the content management units, said status management table includes stores initial status information and current status information for said of each content management unit.

Claim 58 (currently amended): The information recording medium according to claim 44, which includes a content use management information table associated with the plurality of the content management units, wherein, for each one of the content management units, the content use management information table includes ~~storing~~-restriction information associated with content use for ~~said each content management unit is stored~~.

Claim 59 (currently amended): The information recording medium according to claim 58, wherein, for each one of the content management units, said restriction information associated with content use for said content management unit indicates ~~content use management information table records use restriction information indicative~~ whether said content management unit is ~~in~~-has network independent status or network associated status.

Claim 60 (currently amended): The information recording medium according to claim 58, wherein, for each one of the content management units, said content use management information table includes ~~has~~ information for indicating ~~indicative~~ that content is subject to control based on ~~on the basis of externally obtainable~~ operation control information.

Claim 61 (currently amended): The information recording medium according to claim 60, wherein said content use management information table includes information for specifying a server from which ~~for obtaining~~ said operation control information is obtainable.

Claim 62 (currently amended): The information recording medium according to claim 44, which includes at least one of: (i) wherein said information recording medium stores copy processing content for copy processing in addition to the content files of the content management units; and ~~or~~ (ii) streaming reproduction content for streaming reproduction in addition to the content files of the content management units ~~original content~~.

Claim 63 (currently amended): The information recording medium according to claim 62, wherein the content file is associated with a first data format, said copy processing content for copy processing is associated with a second data format, and the streaming reproduction

~~content or streaming reproduction has~~ is associated with a third data format, the second data format and the third data format being different than the first data format than that of said original content.

Claim 64 (currently amended): An information processing apparatus ~~for executing reproduction of content stored in an information recording medium, comprising:~~

(a) a unit key acquisition section configured to:

(i) identify for identifying a content management unit from a plurality of different, individual content management units including a data area selected for reproduction or execution from content or a program stored in an said information recording medium, at least one of the plurality of content management units including encryptable data corresponding to:

(A) at least one content file, the content file including at least one of a data file reproducible by the information processing apparatus and a program file executable by the information processing apparatus; and

(B) at least one of a content reproduction section specification file, a content reproduction processing program file, an application index file, and an application execution file; and

(ii) so as to acquire a designated unit key from a plurality of different, individual unit keys, each one of the plurality of unit keys being associated with at least one of the plurality of content management units, wherein for corresponding to the identified content management unit, the encryptable data of said identified content management unit is encrypted based on the acquired designated unit key associated with the identified content management unit; and

(b) a data processing section configured to execute a plurality of instructions, wherein when executed by the data processing section, the plurality of instructions cause the data processing section to operate with the unit key acquisition section to:

(i) identify one of the content management units from the plurality of content management units;

- (ii) determine if the encryptable data of the identified content management unit is encrypted data; and
- (iii) if the encryptable data of the identified content management unit is encrypted data:
 - (A) decrypt the ~~for decrypting~~ encrypted data ~~included in of~~ said identified content management unit based on by use of the acquired unit key associated with the identified content management unit ~~selected by said unit key acquisition section; and~~
 - (B) after decrypting the encrypted data of the identified content management unit, cause at least one of:
 - (1) the data file of the content management unit to be reproduced; and
 - (2) the program file of the content management unit to be executed.

Claim 65 (currently amended): The information processing apparatus according to claim 64, wherein said unit key acquisition section is configured to: (i) detect a switch from a first content management unit to a second, different content management unit, and (ii) if the switch is detected, acquire the unit key associated with the second, different content management unit switching based on the basis of a management table, the management table including in which unit setting unit information for each of the plurality of content management units, content management unit identification information for each of the plurality of content management units, and unit key identification information associated with each of the plurality of content management units are related with each other and, in accordance with the detected information, execute applicable unit key change processing.

Claim 66 (currently amended): The information processing apparatus according to claim 44-64, further comprising:

a renewal key information block processing section configured to decrypt for executing said unit key acquisition processing by decrypting a renewal key information block to obtain a media key, the decryption based on that may be processed only with a device key associated

~~with stored in an information processing apparatus having a legal content use right of the information processing apparatus, said device key being associated with set in correspondence with said identified content management unit.~~

Claim 67 (currently amended): The information processing apparatus according to claim 44-66, wherein said renewal key information block processing section is configured to acquire the device key via communication with at least one of: ~~acquires from an information recording medium, and or a networked server.~~

Claim 68 (currently amended): The information processing apparatus according to claim 64, further comprising:

an authentication processing section configured to execute a plurality of instructions, wherein when executed by the authentication processing section, the plurality of instructions cause the authentication processing section to operate with the data processing section and the unit key acquisition section to authenticate ~~for executing authentication processing with a networked server; and,~~

wherein, upon successful authentication of the networked server, the plurality of instructions when executed by at least one of said unit key acquisition section and said data processing section, cause at least one of said unit key acquisition section or and said data processing section to acquire at least one of: (i) acquires information necessary for content reproduction including one of the a-unit key keys from said networked server; and (ii) one of a plurality of content use conditions from said networked server.

Claim 69 (currently amended): The information processing apparatus according to claim 64, further comprising:

a renewal key information block processing section configured to execute a plurality of instructions, wherein when executed by the renewal key information block processing section, the plurality of instructions cause the renewal key information block processing section to decrypt a renewal key information block to acquire for acquiring an authentication key for authenticating to be applied to authentication processing with a networked server, the decryption of the by decrypting a renewal key information block being based on that may be processed only

~~with a device key associated with one of set in correspondence with said content management units unit and stored in an information processing apparatus having a legal content use right of the information processing apparatus; and~~

~~an authentication processing section configured to execute a plurality of instructions, wherein when executed by the authentication processing section, the plurality of instructions cause the authentication processing section to operate with the data processing section and the unit key acquisition section to authenticate the networked for authenticating a server based on by applying the authentication key acquired from obtained by the processing by said renewal key information block processing section;~~

~~wherein, upon successful authentication of the networked server, the plurality of instructions when executed by at least one of said unit key acquisition section or and said data processing section, cause at least one of said unit key acquisition section and said data processing section to acquire at least one of: acquires information necessary for content reproduction including a one of the unit key keys from said networked server; and (ii) one of a plurality of content use conditions from said networked server.~~

Claim 70 (currently amended): The information processing apparatus according to claim 64, wherein when executed by the data processing section, the plurality of instructions cause said data processing section to: (i) determine determines whether said content management unit has is in-network independent status or network associated status; and (ii) executes-cause the decryption of the content file of said content management unit based on the determinationuse control in accordance with a decision.

Claim 71 (currently amended): The information processing apparatus according to claim 70, wherein said data processing section causes the decryption of the content file based on use control is executed on the basis of a content use management information table which stores storing-control information associated with use of each said content management unit.

Claim 72 (currently amended): The information processing apparatus according to claim 64, wherein when executed by the data processing section, the plurality of instructions cause said data processing section to: (i) receive receives-operation control information corresponding to at

least one of the content files of the plurality of content management units stored in said information recording medium; and (ii) for at least one of the content management units, in accordance with control based on the received operation control information corresponding to the at least one content file of said content management unit, cause at least one of: (A) the data file of said content management unit to be reproduced; and (2) the program file of said content management unit to be executed~~reproduces or copies said content stored in said information recording medium.~~

Claim 73 (currently amended): The information processing apparatus according to claim 64, wherein when executed by the data processing section, the plurality of instructions cause said data processing section to: (i) notify notifies~~a networked server of at least one of: an user identifier, an information processing apparatus identifier, and an information recording medium identifier; (ii) receive , receives~~operation control information corresponding to the notified identifier from said networked server based on the identifier notified to the networked server, and (iii), in accordance with control based on the received operation control information, cause at least one of: (A) the data file of at least one of the content management units to be reproduced; and (2) the program file of at least one of the content management units to be executed~~reproduces or copies content stored in said information recording medium.~~

Claim 74 (currently amended): An information processing method for reproducing or executing at least one content or executing a program file stored in an information recording medium, said method comprising:

- (a) providing a plurality of different, individual content management units, at least one of the content management units including encrypted data corresponding to:
 - (i) the at least one content file, the content file including at least one of a data file reproducible by an information processing apparatus and a program file executable by the information processing apparatus; and
 - (ii) at least one of a content reproduction section specification file, a content reproduction processing program file, an application index file, and an application execution file; and

- (b) causing a processor to execute a plurality of instructions to operate with the information processing apparatus to:
- (i) identify one of the ~~identifying a~~ content management unit-units from the plurality of content management units~~including a data area selected for reproduction or execution from said content or said program stored in said information recording medium;~~
 - (ii) determine if the identified content management unit includes the encrypted data; and
 - (iii) if the identified content management unit includes the encrypted data:
 - (A) ~~selecting~~ select a unit key from a plurality of different, individual units keys, each one of the plurality of unit keys being associated with at least one of the plurality of content management units, the selected unit key corresponding to the identified content management unit; and
 - (B) ~~decrypt the decrypting~~ encrypted data of ~~included in~~ said identified content management unit ~~to based on perform content reproduction processing and program execution processing use of~~ the selected unit key; and
 - (C) after decrypting the encrypted data of the identified content management unit, cause at least one of:
 - (1) the data file of the content management unit to be reproduced; and
 - (2) the program file of the content management unit to be executed.

Claim 75 (currently amended): The information processing method according to claim 74, which includes causing the processor to execute the plurality of instructions to operate with the information processing apparatus to further comprising: (i) ~~detecting~~ detect a switch from a first content management unit to a second, different content management unit, and (ii) if the switch is detected, acquire the individual unit key associated with the second, different content management unit ~~switching based on the basis of a management table, the management table~~

including in which unit setting unit information for each of the plurality of content management units, content management unit identification information for each of the plurality of content management units, and unit key identification information associated with each of the plurality of content management units~~are related with each other and, in accordance with the detected information, executing applicable unit key change processing.~~

Claim 76 (currently amended): The information processing method according to claim 74, which includes further comprising:

causing the processor to execute the plurality of instructions to operate with the information processing apparatus to decrypt~~executing unit key acquisition processing by decrypting~~a renewal key information block to obtain a media key, the decryption based on that may be processed only with a device key stored in associated with an information processing apparatus having a legal content use right of the information processing apparatus, said device key being associated set in correspondence with said content management unit.

Claim 77 (currently amended): The information processing method according to claim 74, which includes causing the processor to execute the plurality of instructions to operate with the information processing apparatus to wherein said renewal key information block acquires the device key via communication with~~from~~an information recording medium or a networked server.

Claim 78 (currently amended): The information processing method according to claim 74, which includes further comprising:

causing the processor to execute the plurality of instructions to operate with the information processing apparatus to: (a) execute~~executing~~authentication processing with a networked server, and (b) upon successful authentication of the networked server, acquiring acquire information necessary for content reproduction including a unit key from said networked server, the acquired information including at least one of: (i) one of the unit keys; and (ii) one of a plurality of content use conditions.

Claim 79 (currently amended): The information processing method according to claim 74, which includes causing the processor to execute the plurality of instructions to operate with the information processing apparatus to further comprising:

- (a) acquire ~~acquiring~~ an authentication key to decrypt ~~be applied to authentication processing with a networked server by decrypting~~ a renewal key information block in association with ~~that may be processed only with a media key, the media key associated set in correspondence with~~ said content management unit and stored in an information processing apparatus having a legal content use right of the information processing apparatus;
- (b) authenticate ~~authenticating~~ a networked server based on ~~by applying~~ the authentication key obtained from decrypting ~~by the processing by~~ said renewal key information block ~~processing section;~~ and
- (c) upon successful authentication of the networked server, acquire ~~acquiring~~ information necessary for content reproduction from said networked server, the acquired information including at least one of: (i) one of the a-unit keys~~key~~; and (ii) one of a plurality of content use conditions from said server, upon successful authentication.

Claim 80 (currently amended): The information processing method according to claim 74, which includes causing the processor to execute the plurality of instructions to operate with the information processing apparatus to further comprising:

- (a) determine ~~determining~~ whether said content management unit has ~~is in~~ network independent status or network associated status; and
- (b) control ~~executing~~ content use based on the determination~~control in accordance with a decision.~~

Claim 81 (currently amended): The information processing method according to claim 80, wherein said content use control is based on ~~executed on the basis of~~ a content use management information table which stores ~~storing~~ control information associated with use of each said content management unit.

Claim 82 (currently amended): The information processing method according to claim 74, which includes causing the processor to execute the plurality of instructions to operate with the information processing apparatus to further comprising:

- (a) receive ~~receiving~~ operation control information from a networked server, the operation control information corresponding to at least one of the content files of the plurality of management units; stored in said information recording medium from a networked server and
- (b) , in accordance with control based on the received operation control information, cause at least one of: (1) the data file of ~~reproducing or copying~~ said content management unit to be reproduced or copied; and (2) the program file of the content management unit to be executed or copied~~stored in said information recording medium.~~

Claim 83 (currently amended): The information processing method according to claim 74, which includes causing the processor to execute the plurality of instructions to operate with the information processing apparatus to further comprising:

- (a) transmit ~~notifying a networked server of~~ at least one of an user identifier, an information processing apparatus identifier, and an information recording medium identifier to a networked server;
- (b) receive ~~receiving~~ operation control information from the network server based on corresponding to the at least one notified identifier transmitted to ~~from~~ said networked server; and,
- (c) ~~reproducing or copying content stored in said information recording medium in accordance with control based on the received operation control information, cause at least one of: (1) the data file of said content management unit to be reproduced or copied; and (2) the program file of the content management unit to be executed or copied.~~

Claim 84 (currently amended): An information processing apparatus comprising:~~A computer program for reproducing content or executing a program stored in an information recording medium, comprising:~~

a processor; and

a memory device which stores:

(a) data corresponding to a plurality of content management units, at least one of said content management units including encrypted data corresponding to:

(i) the at least one content file, the content file including at least one of a data file reproducible by an information processing apparatus and a program file executable by the information processing apparatus; and

(ii) at least one of a content reproduction section specification file, a content reproduction processing program file, an application index file, and an application execution file; and

(b) a plurality of instructions, which when executed by the processor, cause the processor to:

(i) identify one of the ~~identifying a~~ content management unit ~~units~~ from the plurality of content management units ~~including a data area selected for reproduction or execution from said content or said program stored in said information recording medium;~~

(ii) determine if the identified content management unit includes the encrypted data; and

(iii) if the identified content management unit includes the encrypted data:

(A) select ~~selecting~~ a unit key from a plurality of units keys, the selected unit key corresponding to the identified content management unit, each one of the plurality of different unit keys being associated with at least one of the plurality of different content management units; and

- (B) decrypt the ~~decrypting~~ encrypted data of included in said identified content management unit based on to execute content reproduction processing or program execution processing by use of the selected unit key; and
- (C) after decrypting the encrypted data of the identified content management unit, cause at least one of:
 - (1) the data file of the content management unit to be reproduced; and
 - (2) the program file of the content management unit to be executed.

Claim 85 (currently amended): A server in communication with ~~for providing a unit key to be applied to decryption of content to a reproducing apparatus for reproducing content stored in an information recording medium,~~ said server comprising:

a processor;

an authentication processing section; and

a memory device which stores:

- (a) a database storing a plurality of unit key keys, each of the unit keys corresponding to at least one of a plurality of content management unitsunit, the plurality of content management units being stored by an information recording medium operable with the reproducing apparatus, at least one of said content management units including encrypted data corresponding to:
 - (i) the at least one content file, the content file including at least one of a data file reproducible by the reproducible apparatus and a program file executable by the reproducible apparatus; and
 - (ii) at least one of a content reproduction section specification file, a content reproduction processing program file, an application index file, and an application execution file; and
- (b) a plurality of instructions, which when executed by the processor, cause the processor to operate with the ~~an~~ authentication processing section to:

- (i) authenticate for authenticating said reproducing apparatus based on an authentication key; and
- (ii) a data processing section for providing said unit key upon successful authentication of the reproducing apparatus, provide a designated one of the unit keys to said reproducing apparatus, the designated unit key corresponding to a designated one of the content management units in said authentication processing section, wherein the encrypted data of said designated content management unit is decryptable based on the designated unit key to cause at least one of: (A) the reproducing apparatus to reproduce the data file of the content management unit; and (B) the reproducing apparatus to execute the program file of the content management unit.

Claim 86 (currently amended): The server according to claim 85 further comprising:
an authentication key database storing a plurality of different authentication keys; and
a renewal key information block database which stores storing a renewal key information block associated with that may be processed only with a key stored in an information processing apparatus having a legal content use right and holds an one of the authentication key keys for authenticating the reproducing apparatus authentication processing as encrypted information, the renewal key information block being encrypted based on a device key associated with a legal content use right of the reproducing apparatus, ; and

an authentication key database storing said authentication key;
wherein when executed by the processor, the plurality of instructions cause the processor to operate with the authentication processing section to said authentication processing section provides provide said renewal key information block to the a-reproducing apparatus, such that the reproducing apparatus executes content reproduction and executes authentication processing based on by applying the authentication key received acquired from said authentication key database.